

TORNADO

GEC AVIONICS



AVIATION SERVICE AND REPAIR DIVISION
product support

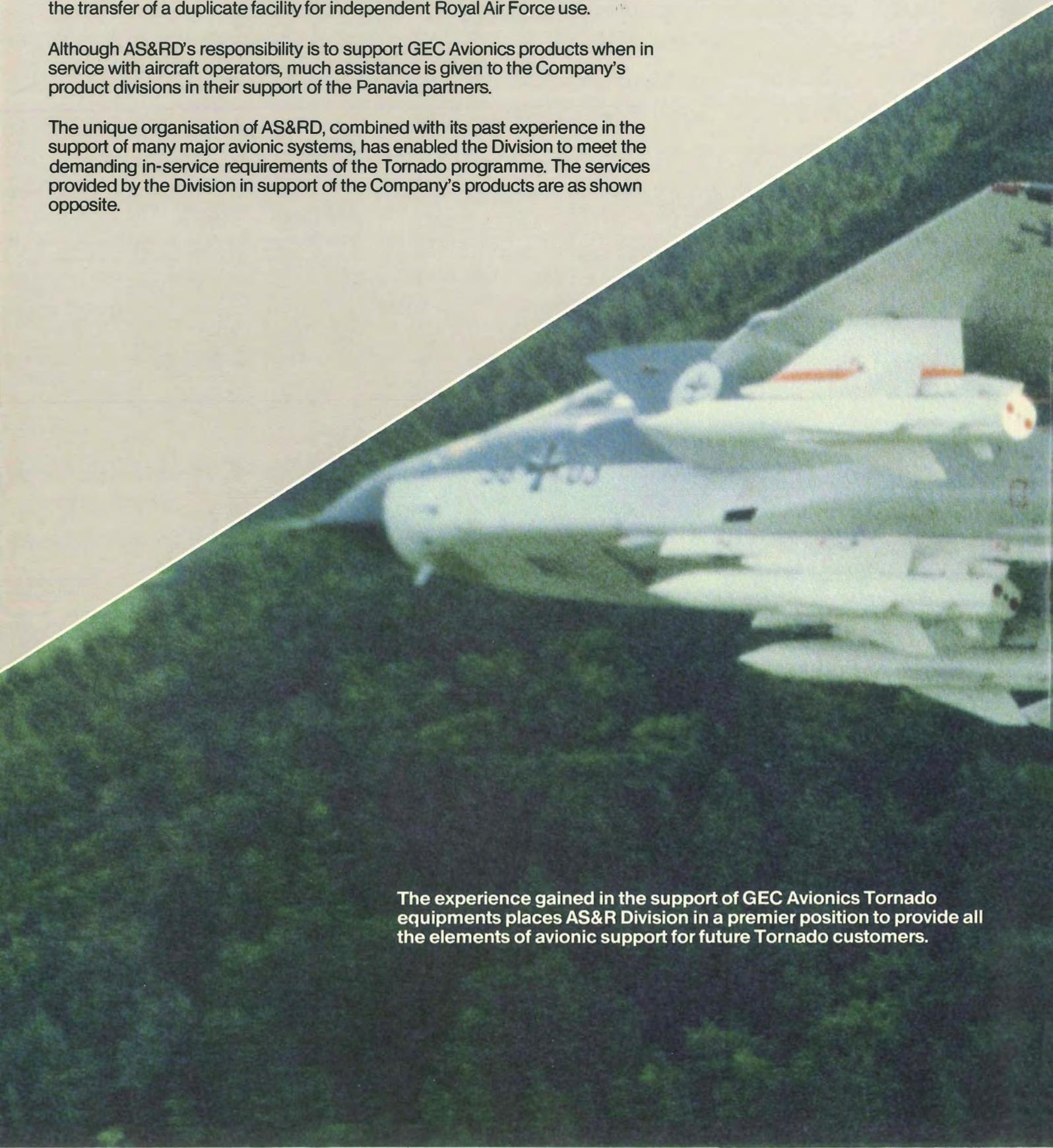
Aviation Service & Repair Division (AS&RD) is the product support organisation of GEC Avionics. This Division is dedicated solely to the support function and its extensive resources and many years of experience enable it to provide total logistics support or to work with its customers and strengthen their own capabilities.

The Division has been involved in the Tornado programme from the early days of logistics planning and initial provisioning, through interim repair, on-site service and training, to the development and operation of full depot facilities.

A major task has been the creation of a complete depot facility for the British Ministry of Defence to cover all of the Company's Tornado equipments and the transfer of a duplicate facility for independent Royal Air Force use.

Although AS&RD's responsibility is to support GEC Avionics products when in service with aircraft operators, much assistance is given to the Company's product divisions in their support of the Panavia partners.

The unique organisation of AS&RD, combined with its past experience in the support of many major avionic systems, has enabled the Division to meet the demanding in-service requirements of the Tornado programme. The services provided by the Division in support of the Company's products are as shown opposite.



The experience gained in the support of GEC Avionics Tornado equipments places AS&R Division in a premier position to provide all the elements of avionic support for future Tornado customers.

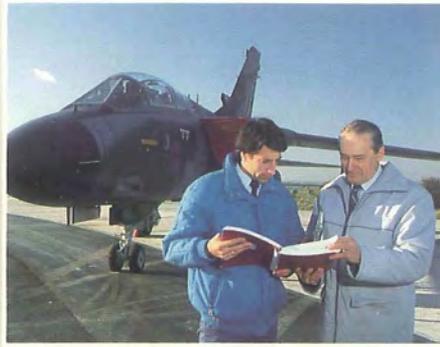




TRAINING

The Division has completed 70 Tornado equipment training courses for a total of 420 students from the Services and partner companies participating in the Tornado programme.

Such courses have been as diverse as 2nd Line theory and practical on the Company's avionic systems to the operation and maintenance of the RB 199 Engine Test House.



ON-SITE ASSISTANCE

The Division currently deploys 10 Field Service Engineers at operational bases for the Royal Air Force, German Air Force, German Navy and Italian Air Force.

In addition 6 Engineers are giving major assistance to "Build Line Support" at the aircraft manufacturing sites at BAe Warton, MBB Manching and AIT Turin.



REPAIR

The Division's modern, well equipped workshop, dedicated solely to the repair function, is playing a major role in support of Tornado operations. The comprehensive test facilities developed by the Division's engineering staff have been used in completing to date over 4800 repairs to avionic modules and LRUs.

DOCUMENTATION

The Division's central technical publications staff have assisted product divisions with initial provisioning and the production of maintenance documentation.

All equipment master worksheets for use in service depot repair facilities are products of this group.



DEPOT

The Division has designed and developed comprehensive depot repair and test facilities for over 240 different avionic modules.

To achieve full service depot repair capability these facilities have been duplicated and commissioned at the customer's site. The Division's industrial depot continues to function in parallel with the Service Maintenance Unit.



PROJECT MANAGEMENT AND LOGISTICS

The Division has applied its own special support Project Management schemes to the Tornado programme to ensure that performance achievement and milestone targets meet the customer's objectives.

The use of experienced support engineers backed by modern computer based facilities has resulted in an extremely high level of customer satisfaction.

In addition the Division's logistics supply organisation is capable of providing all facets of spares support from individual repair spares to complete provisioning and supply management systems.



RB199 Engine Test House
Powerplant Systems
Division

Tornado Automatic Test System
Automatic Test Equipment
Division

Fuel Flow System
Powerplant Systems
Division



Stores Management Systems
Triplex Transducer Unit
Instrument Systems
Division

Autopilot and Flight Director System
Command and Stability
Augmentation System
Spin Incidence Limitation System
Combat Aircraft Controls Division

TV Tabular Display Unit
Waveform Generator
E-Scope
Airborne Display Division

Product Support
Aviation Service
and Repair
Division

GEC AVIONICS

GEC Avionics Limited
Aviation Service and Repair Division

Airport Works Rochester Kent England
Telephone: Medway (0634) 44400
Telex: 96211 GECSUPG



MARITIME AIRCRAFT
SYSTEMS DIVISION



AIRBORNE
DISPLAY DIVISION